Work Ord		00175	· ·	*100	175*				* 44			Page
Item ID: Revision ID:	D3914-041		,	Accept	*N900	040	1100	<b>)</b> *	Setup S		*N	S1*
Item Name: Start Date: Required Date: Reference:	4/18/13	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item   Customer:	ID:				Stop	*N	S2*
Approvals:		an: MCS	•			ate:		1		Start Stop	*N *N	R1* R2*
Sequence ID/ Work Center II Draw Nbr		Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Rejec Qty		Reject Number	Insp. Stamp
D3914 D4020	_pcl A	vision Nbr										
*100 *100* Large Fab Large Fab		2- weld hing  ***Visual in  3- tack weld  ***Cut out n  D4020-5. Ma	ribs , weld as per dwg D391 e (3) and Mounting brackets spect before welding mesh** mesh on basket as per dwg I nesh where label plate goes in ake sure to place mesh correct	as per dwg D3914  * * D3914	as per dwg abel plate before			-	S.Y		05·C	જર (ક
110		tacking mesh										

0.00

Memo

\*11**0**\*

Quality Control

NCR:	⁄es	/ No				W	ORK ORDER NON-C	O	VFOR	MANCE / UPI	DATE	QA Closed:	Date:	
		· ·			<u> </u>	Γ		-			A CAINIST DE	to the second se	Title 1	15
Work Orde	er: _				<del></del>		DISPOSITION	,		<b></b>	AGAINST DE	PAKTIVIENT <i>)</i>		
Part N	۸o						Rework Scrap			Skid-tube Machining	Crosstube Small Fab	-	Water Jet d. Eng. Coor. e/Packaging	Engineering Quality Other
NCR N	Part No.  NCR No.  Date Step Qty  ta						Use-as-is Work Order Update	]	inern	noforming Large Fab	Composite	Rec/stor	Supplier	Other
Root			-			•	of work order update	1	nitial		ion	Sign &		
Cause		Date	Step	Qty		or Nor	-conformance	Ch	ief Eng	Descr	ription	Date	Verification	QC Inspector
Doc/Data  Equip/Tooling	Н		:									i i	·	
Operator	$\dashv$					. ;								
Material							,							
Setup	H													
Other	П							ļ						
Process				.										
Supplier						ļ								
Training														
Unapproved												<u> </u>	<u> </u>	
							Ę,	AUL	T CATE	GORY				
Landi	ng Ge	ear				_	General		•			٦		7
	L	Bending				Bend		L	Grain			Ovalized	<b></b>	Pressure/Forced
	Щ	Centre No	t Conce	ntric to (	o/s	<b>-</b>	1/Route	_	Hardwa			Over/Under	<del>                                     </del>	Temperature/Cure
		Cracks				Brok	en/Damaged	<u></u>	1	ion Incomplete	_	Part Incorre		Weld
	∐ <sup>(</sup>	Crushed/	Crimped.			Burr			4	tions Incomplete/I	Jnclear	Part Lost/M	issing	Wrong Stock Pulled
		Cuffs		•	<u> </u>	- 1	amination		Mainte		<u> </u>	Part Moved		
	Ш⁺	leat Trea	t			Cour	ntersink	<u></u>	Mislabe			Positioned V		٦
	$\bigsqcup$ '	nspection	n Strip in	Tube		— <b>d</b> i	oo Short		Misrea	d		Power Loss/	Surge	Other
	∐ <sup>r</sup>	Ripples in	Bend			Drill	Holes		Offset				<del></del>	
	T	orque W	aves in E	Extrusion	۱ 📗	Drav	ving		4	Calibration				***************************************
	Inspection Strip in Tube Ripples in Bend Torque Waves in Extrusion Turning Sequence					Finish	'n		Out of	Sequence				

Outside Dimensions

Date:

DQA:\_\_\_

Wave/Twist in Tube

Folio

## Work Order ID /100175 / W to the control of the con

April-18-13 1:24:44 PM

\*100175\*

Item ID: D3914-041 Accept \*N900040100\* Setup Start Revision ID: Item Name: Long Basket Lid Assembly (350) **Start Date:** 4/18/13 Start Oty: 1.00 **Cust Item ID:** Required Date: 5/02/13 Req'd Qty: 1.00 **Customer:** Reference: Run Start Process Plan: \_\_\_\_ Date: \_\_\_\_ Tooling: Approvals: Date: Stop QC: \_\_\_\_ Date: \_\_\_\_ SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Reject Accept Reject Insp. Work Center ID Description Run Hours Code Qty Qty Number Stamp 120 QC5- Inspect part completeness to step on W/O 0.00 \*120\* OC Memo 0.00 Quality Control 130 Black Sandtex(Ref:4.3.5.7) per QSI005 4.3 0.00 \*120\* Powdercoat 0.00 Powder Coating Start Time: Oven Temperature: Finish Time: 140 Wing Walk as per dwg QS1005 4.4 Batch 15514. 0.00 \*140\* 1 \$ BP 13-5-7. HandFinish 0.00 Memo Hand Finishing 1. Mask data plate and apply wing walk on outside surface of mesh as per dwg

2- Install placard and label as per dwg

\*\*\*Mask label plate to size of label, use scotchbrite red pad to lightly sand area for label, apply label \*\*\*

NCR:	Yes / No				WO	RK ORDER NON-C	CONI	FORN	AANCE / UPI	DATE	QA Closed:	Date:			
Work Orde	er:			·		DISPOSITION		÷. S		AGAINST DE	40				
Part (	No					Rework Scrap Use-as-is		N Therm	Skid-tube Machining noforming	Crosstube Small Fab Finishing		Water Jet d. Eng. Coor. re/Packaging	Engineering Quality Other		
NCR I	No			-	V	Vork Order Update			Large Fab	Composite		Supplier			
Root				Descr	iption o	f work order update	In	itial	Act	tion	Sign &				
Cause	Date	Step	Qty		or Non-	conformance	Chie	Chief Eng Description			Date	Verification	QC Inspector		
Doc/Data Equip/Tooling Operator															
Material Setup Other Process Supplier Training	<u>\$</u>			·											
Unapproved		İ		į Į			Ì								
опаррточеа	lL	1	<u> </u>	l		F	AULT	CATE	GORY						
Landi	ng Gear					General			<u> </u>						
	Bending Centre No Cracks Crushed/ Cuffs Heat Trea	Crimped at n Strip in		O/S	Burrs Contar Count Cut o	n/Damaged mination ersink o Short	Inspec Instru		ardware spection Incomplete structions Incomplete/Unclear aintenance islabeled		Ovalized Over/Under Part Incorre Part Lost/M Part Moved Positioned \( \) Power Loss/	ct sissing	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other		
	Ripples in			<u> </u>	_ Dril  H		<b>├</b> ──	Offset	~ 1:1						
	Torque W			n	Drawi	ng			Calibration						
					Finish				Sequence						
	Wave/Twist in Tube					Folio			Outside Dimensions						

DQA: \_\_\_\_\_ Date: \_\_\_\_

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## Work Order ID 100175

April-18-13 1:24:44 PM

\*100175\*

Item ID: D3914-041 Accept \*N900040100\* Setup Start **Revision ID:** Item Name: Long Basket Lid Assembly (350) Start Date: 4/18/13 Start Qty: 1.00 Cust Item ID: Required Date: 5/02/13 Reg'd Oty: 1.00 **Customer:** Reference: Run Process Plan: Approvals: Date: Tooling: Date: Stop Date: SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Accept Reject Reject Insp. Work Center ID Description Run Hours Code Qty Qty Number Stamp 150 QC3- Inspect Part Finish 0.00 \*150\* 0.00 Memo Quality Control 100 159 Identify as per dwg & Stock Location D 4030 04/60 160 \*160\* Packaging 0.00 Memo Packaging 170 QC21- Final Inspection - Work Order Release 0.00 \*170\* 0.00 Memo Quality Control

									DQA:	Date	:
NCR: Y	'es / No				WORK ORDER NON-	CONFO	RMANCE / UP	DATE	QA Closed:	Date	:
					DISPOSITION		P/444	AGAINST DE	PARTMENT	/PROCESS	
Work Orde	er:	·····		———	Rework	7	Skid-tube	Crosstube	1	Water Jet	Engineering
Part N	lo.				Scrap	1	Machining	Small Fab	Pro	d. Eng. Coor.	Quality
NCR N					Use-as-is Work Order Update	The	rmoforming Large Fab	Finishing Composite	Rec/Sto	re/Packaging Supplier	Other
Root				Descript	ion of work order update	Initial	Ac	tion	Sign &		
Cause	Date	Step	Qty	or	Non-conformance	Chief Er	ng Desc	cription	Date	Verification	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved											
		<u> </u>			, s	AULT CA	TEGORY				
Landir	ng Gear				General				7		
	Bending Centre N	at Canas	ntrin to C	—	Bend BOM/Route	Grain	n ware		Ovalized Over/Under	tolerance	Pressure/Forced Temperature/Cure
	Cracks	ot concei	nuic to c	·	Broken/Damaged	$\vdash$	ection Incomplete		Part Incorre	<del>-</del>	Weld
	Crushed/	Crimped.		-	Burrs	<b>—</b>	uctions incomplete/	/Unclear	Part Lost/M	issing	Wrong Stock Pulled
	Cuffs	•			Contamination	Mair	ntenance		Part Moved	_	
	Heat Trea	at		П	Countersink	Misla	abeled		Positioned \	Wrong	
	Inspection Strip in Tube			Cut Too Short	Misr	ead		Power Loss,	/Surge	Other	
Ripples in Bend			Orill Holes	Offse	et		·				
Ī	Torque V	Vaves in E	Extrusion	ı []۱	Drawing	Out	of Calibration				
	Turning S	Sequence	•		-inish	Out	of Sequence				
Ţ	Wave/Twist in Tube				olio	Outs	ide Dimensions				

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## **Picklist Print**

April-18-13 1:24:47 PM

Work Order ID: 100175

\*100175\*

Parent Item:

D3914-041

\*D3914-041\*

Parent Item Name: Long Basket Lid Assembly (350)

**Start Date: 4/18/13** 

Required Date: 5/02/13

Start Oty: 1.00

Required Qty: 1.00

Comments:

as per dwg revB DD 10.08.18 verified by:EC

IPP Rev:B

IPP Rev:C 13.03.14 AS

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2581		Manufactured	No No			100	Each	72.0000	2	2			
*D2581* Mounting Bracket										_	503 -	<del>&gt;</del> ∂x	<u>-</u>
				Location		Loc (	Qt <u>y</u>	Loc Code			D	13.00	5. M
				WA			44				·// J	15 00	) - Oi
					98503		44		_		_		
				WA004			28		_		_		
					<b>7</b> 0766		2		<del></del>		_		
					81253		1				_		
					82506		2		_		-		
				-	83230		3		_		_		
				;	85452		2		_		_		
				;	87706		2				_		
/D2014 1				•	98108		16			_	-		

\*D3914-1\*

Manufactured

17.0000

B97658 -> JV St 13.05.01

Location	Loc Oty	Loc Code
WA004	2	
88645	2	
WA005	15	
81449	1	
82131	1	
87079	1	
97660	12	

100

Each

IPP Rev:A new issue DD 10.03.19 verified by:EC

**/**D3914-1

NCR: Y	es / No				WOF	K ORDER NON-C	CONFC	)RN	MANCE / UPI		QA Closed:	Date:	
Work Orde	r:					DISPOSITION	1			AGAINST DE			] [ ]
Part N	0					Rework Scrap Use-as-is	- - - - - -	V	Skid-tube Machining loforming	Crosstube Small Fab Finishing		Water Jet d. Eng. Coor e/Packaging	Engineering Quality Other
NCR N	0			<del></del>	V	ork Order Update	]   ```		Large Fab	Composite		Supplier	
Root				Descr	iption of	work order update	Initia	al	Act	ion	Sign &		
Cause	Date	Step	Qty		or Non-	conformance	Chief E	ng	Descr	ription	Date	Verification	QC Inspector
Ooc/Data Equip/Tooling Operator Material Setup Other													
Process	-												
Supplier Training Unapproved				- - -									
onapproved	<u> </u>		l			F	AULT CA	ATE	GORY	. Al-1935			
Landin	g Gear					General							
-	Bending Centre No Cracks Crushed/ Cuffs Heat Trea Inspectio Ripples in Torque W	Crimped at n Strip in n Bend Vaves in f	Tube Extrusion		Burrs	n/Dämaged nination ersink o Short oles	Insp Inst Ma Mis Mis Offs	dwa pecti ruct inte labe read set t of C	on Incomplete ions Incomplete/l nance led	Unclear	Ovalized Over/Under Part Incorre Part Lost/M Part Moved Positioned V Power Loss/	ct sissing Vrong	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other
Wave/Twist in Tube				Folio		Out	tside	Dimensions					

DQA: \_\_\_\_\_ Date: \_\_\_\_

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## **Picklist Print**

April-18-13 1:24:48 PM

Work Order ID: 100175

D3914-041

\*100175\* \*D3914-041\*

Parent Item:

D3914-7

Parent Item Name: Long Basket Lid Assembly (350)

**Start Date: 4/18/13** 

Required Date: 5/02/13

Start Qty: 1.00

Required Qty: 1.00

\*D3914-7\*

Manufactured

100

Each 19.0000

\*\*

Location Loc Oty WA004 97135 WA005 15 82928 3 88649 97949 11 Each 13.05.01

D4016-3

Hinge Half, Lid

Manufactured

100

31.0000

Loc Code

Loc Code

\*\*

B 100203 → 31 Sti3.05.01

B 97135 -24

**/** D4018-5

\*D4018-5\*

Rib

Manufactured

No

94755 95317 95563

100

100

18.0000

\*\*

B 96/62 → 9x

Manufactured No Location WA004

Location

WA004

88678

96611

Loc Qty 18 18

Each

Loc Oty

8

5

18

Each

Loc Code

3.0000

B92167 W13.05.01

Mesh (350 Basket Long, Lid)

Location WA007

Loc Oty 3

3

Loc Code

April-18-13 1:24:48 PM

Stern

**Shop Packet Print** 

Page 2

NCR: Y	es / No				WOI	RK ORDER NON-C	CONFC	ΣKN	MANCE / UP	DATE	QA Closed:	Date	:
NAV - ul. Ouda						DISPOSITION				AGAINST DE	PARTMENT	PROCESS	
Work Orde	r:					Rework	1		Skid-tube	Crosstube		Water Jet	Engineering
Part N	0.					Scrap	1		Machining	Small Fab	Pro	d. Eng. Coor.	Quality
						Use-as-is	Th	erm	noforming	Finishing	Rec/Stor	e/Packaging	Other
NCR N	0				٧	ork Order Update	]		Large Fab	Composite		Supplier	
Root	- T	T		Descr	iption of	work order update	Initia	al	Ac	ction	Sign &		
Cause	Date	Step	Qty	1		conformance	Chief 6	ng	Desc	cription	Date	Verification	QC Inspector
Doc/Data							Ì						
quip/Tooling		1			ļ								
Operator							İ						
Material							<u> </u>						
Setup											Í		
Other [				_			-						
Process				- I									
Supplier													
Training		'					]						
Unapproved		<u> </u>	<u> </u>	<u> </u>			<u> </u>					<u> </u>	
						F	AULT C	ATE	GORY	•			
Landir	ng Gear			_	_	General				r	٦	г-	<del>-</del> 1
	Bending				Bend		Gra			ļ	Ovalized		Pressure/Forced
	Centre N	ot Conce	ntric to	o/s	_BOM/I	Route	Har	dwa	ire		Over/Under	<b>⊢</b>	Temperature/Cure
Į	Cracks				Broker	n/Damaged	Insp	oecti	ion Incomplete		Part Incorre	<b> -</b>	Weld
	Crushed/	/Crimped		L	Burrs		Inst	ruct	tions Incomplete,	/Unclear	Part Lost/M		Wrong Stock Pulled
	Cuffs				Contan	nination	Ma	inte	enance		Part Moved		
	Heat Tre	at			Count	ersink	Mis	labe	ed		Positioned V		
[	Inspection	on Strip in	Tube		Cut Too	Short	Mis	reac	Ł		Power Loss/	'Surge	Other
ſ	Ripples in	n Bend			Drill H	oles	Off	set					
				Drawii	ng	Out	t of (	Calibration				<u> </u>	
				Finish		Out	t of S	Sequence		-			
	Wave/Tv	wist in Tu	be		Folio		Out	tside	e Dimensions				

DQA: \_\_\_\_\_ Date: \_\_\_\_

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April-18-13 1:24:48 PM

Work Order ID: 100175

Parent Item:

D3914-041

\*100175\*

Location

WA004

Parent Item Name: Long Basket Lid Assembly (350)

\*D3914-041\*

**Start Date: 4/18/13** 

Required Date: 5/02/13

Start Qty: 1.00

Required Qty: 1.00

D4021-3

\*D4021-3\*

Manufactured

100

Loc Qty

25

9

15

Each

25,0000

Loc Code

**D**4035-041

D2728-3

Manufactured

82507 88510

80897

100

Each

7.0000

Lid Rib Assembly, Fwd (350 Basket)

Location Loc Qty WA004 6 97733 6 WA005 89282 Manufactured 140 Each

0.0000

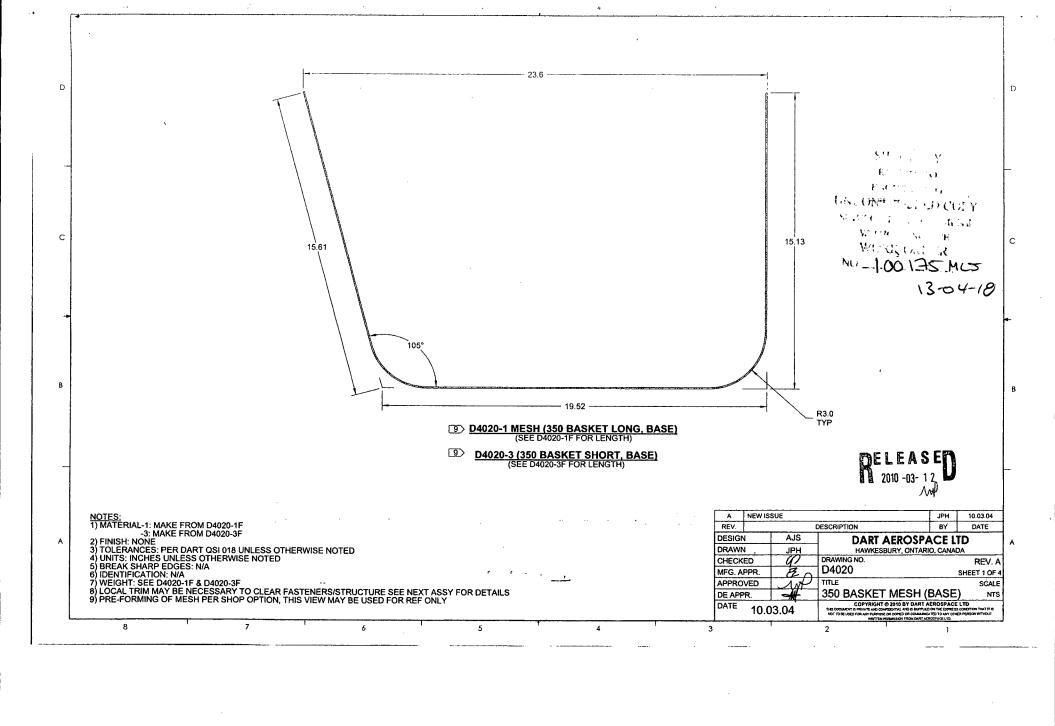
Loc Code

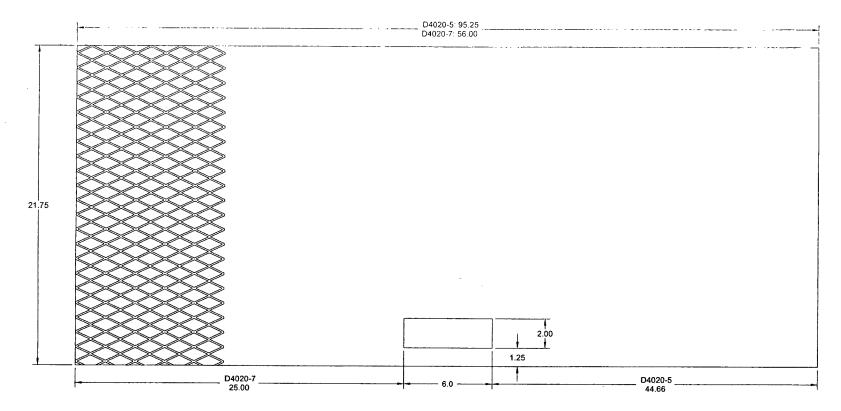
\*\*

Dart Logo label

											DQA:	Date	:
NCR: Y	es / No				WOR	K ORDER NON-C	CON	FORN	MANCE / UP	DATE	QA Closed:	Date	:
Work Orde	Ar.					DISPOSITION				AGAINST DE	e e e e e e e e e e e e e e e e e e e	PROCESS	
Part N	lo.				Wo	Rework Scrap Use-as-is ork Order Update		Therm	Skid-tube  Machining noforming Large Fab	Crosstube Small Fab Finishing Composite	4	Water Jet d. Eng. Coor. e/Packaging Supplier	Engineering Quality Other
Root			0.	i '	1	vork order update	1	nitial	Act	ion ription	Sign & Date	Verification	QC Inspector
Cause	Date	Step	Qty	<u> </u>	or Non-ço	nformance	Cni	ef Eng	Descr	iption	Date	verincation	QC IIIspector
Doc/Data	_												
quip/Tooling Operator	-			ļ									
Material													
ietup	$\dashv$	Ī											
Other		j											
rocess													
Supplier					1								
raining													
Jnapproved			<u> </u>	<u> </u>									<u> </u>
						. F.	AUL	CATE	GORY				
Landi	ng Gear			_	,	General	<b></b>			<del></del>	7	_	<b>-</b>
į	Bending				Bend		$\vdash$	Grain		_	Ovalized	-	Pressure/Forced
	Centre N	ot Conce	ntric to	o/s	BOM/Ro		$\vdash$	Hardwa		-	Over/Under	<b>⊢</b>	Temperature/Cure
	Cracks			<u> </u>	1	Damaged			on Incomplete	<u> </u>	Part Incorred	<u> </u>	Weld Wrong Stock Pulled
	Crushed	/Crimped	-		Burrs	•	$\vdash$		ions Incomplete/U	Jnclear	Part Lost/Mi	ssing [	
	Cuffs			-	Contamir		$\vdash$	Mainte		-	Part Moved	Vrong	
	Heat Tre		T., I	<u> </u>	Counter			Mislabe Misreac		-	Positioned V Power Loss/		Other
-	Inspection Strip in Tube			Drill Hol		$\vdash$	iviisread Offset	ı	L	Jeower ross/	Juige	Duilei	
	Ripples in Bend		<u> </u>	Drawing		-		Calibration					
	Torque Waves in Extrusion			" ├─	Finish	•	$\vdash$		Sequence				
ŀ	Turning Sequence Wave/Twict in Tube				Folio		<b>⊢</b> —		Dimensions				
	Wave/Twist in Tube				1.0.0				· · · · · · · · · · · · · · · · · · ·				

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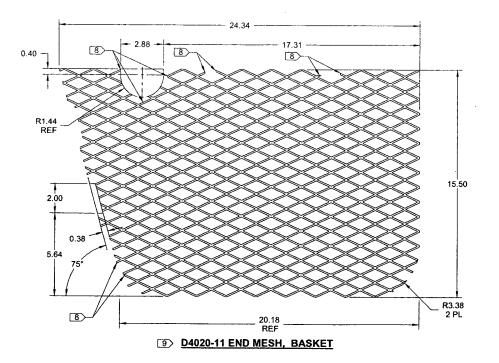
D4020-5 MESH (350 BASKET LONG, LID)
 (LOCAL SECTION MESH SHOWN FOR CLARITY)

9 <u>D4020-7 MESH (350 BASKET SHORT, LID)</u> (LOCAL SECTION MESH SHOWN FOR CLARITY)

RELEASED 2010 -03- 1.2

NOTES: 1) MATERIAL: AISI 304/316 EXPANDED STAINLESS STEEL MESH 3/4-16F REF DART SPEC. M304EX0.75-16F	<u>[9</u> )	(LOCAL SECTION MESH SHOWN FOR CLARITY)		***	WA ZOOD BY A	
2) FINISH: NONE 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED			DESIGN	AJS JPH	DART AEROSPACE LTI	
4) UNITS: INCHES UNLESS OTHERWISE NOTED 5) BREAK SHARP EDGES: N/A 6) IDENTIFICATION: N/A			CHECKED MFG. APPR.	9)	DRAWING NO.	REV. A
7) WEIGHT -5: 0.80 lbs APPROX -7: 4.49 lbs APPROX -9: 4.00 A TRIMANA BE DEFECCED TO CLEAR FACTOR FOR THE PROPERTY APPLICATION OF THE PROPERTY		_	APPROVED DE APPR.	Jun 2	TITLE 350 BASKET MESH (BASE)	SGALE
8) LOCAL TRIM MAY BE NECESSARY TO CLEAR FASTENERS/STRUCTURE SEE NEXT ASSY FO 9) TOLERANCE ON XX.XX DIMENSIONS $\pm$ 0.06.	DR DETAILS	5	DATE	03 04	COPYRIGHT © 2010 BY DART AEROSPACE LT	10

1001735

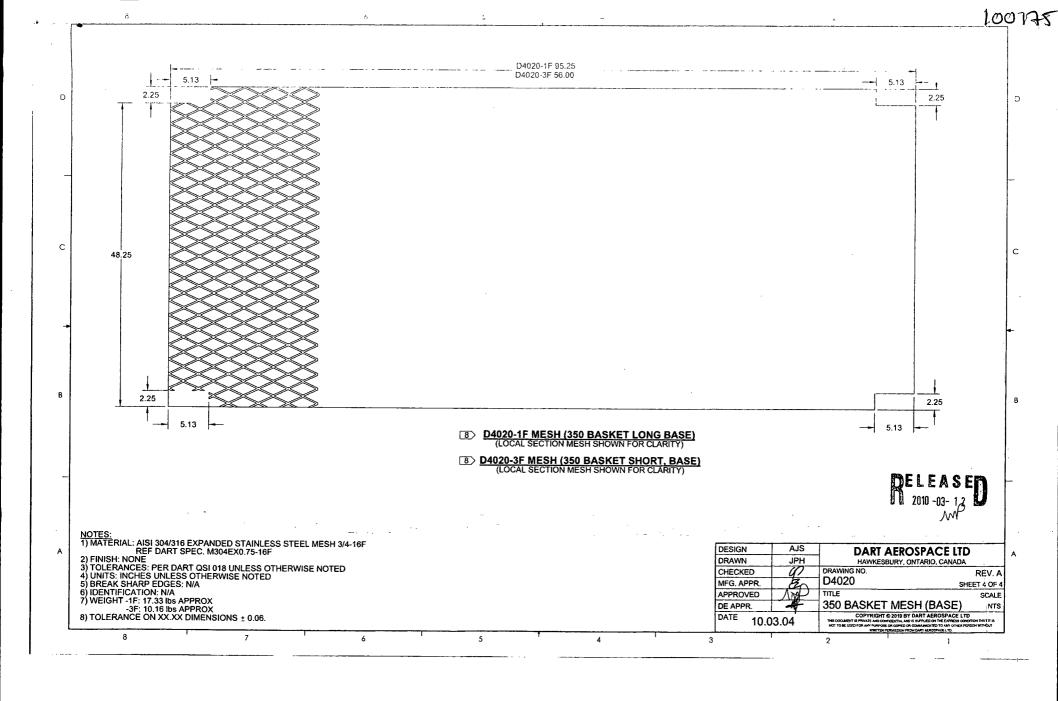


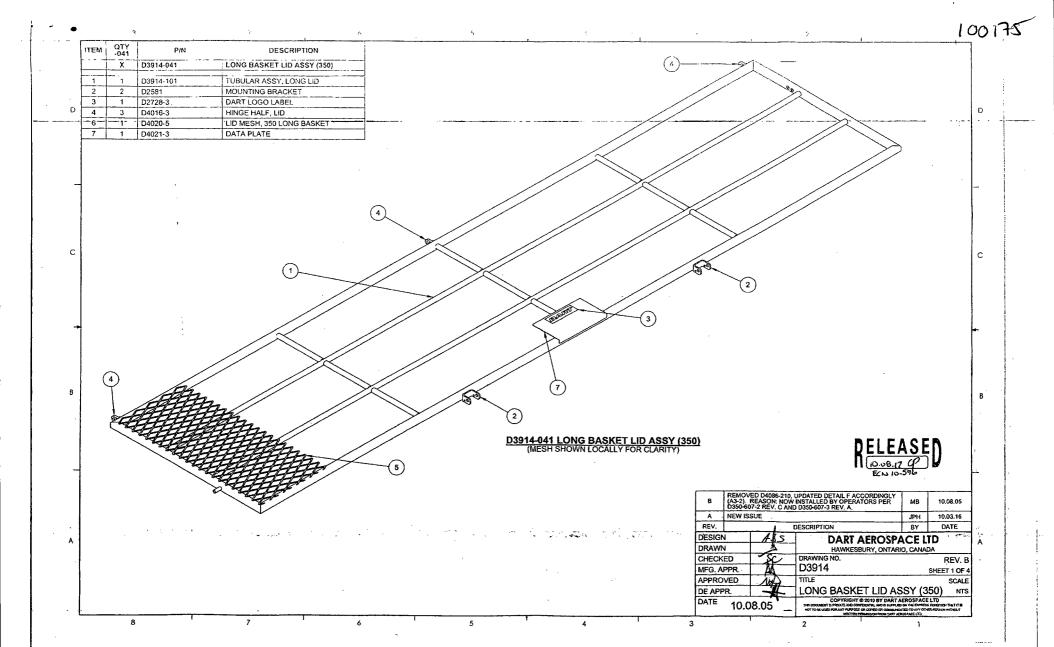
NOTES:
1) MATERIAL: AISI 304/316 EXPANDED STAINLESS STEEL MESH 3/4-16F REF DART SPEC. M304EX0.75-16F
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: N/A
7) WEIGHT: 1.22 Ibs

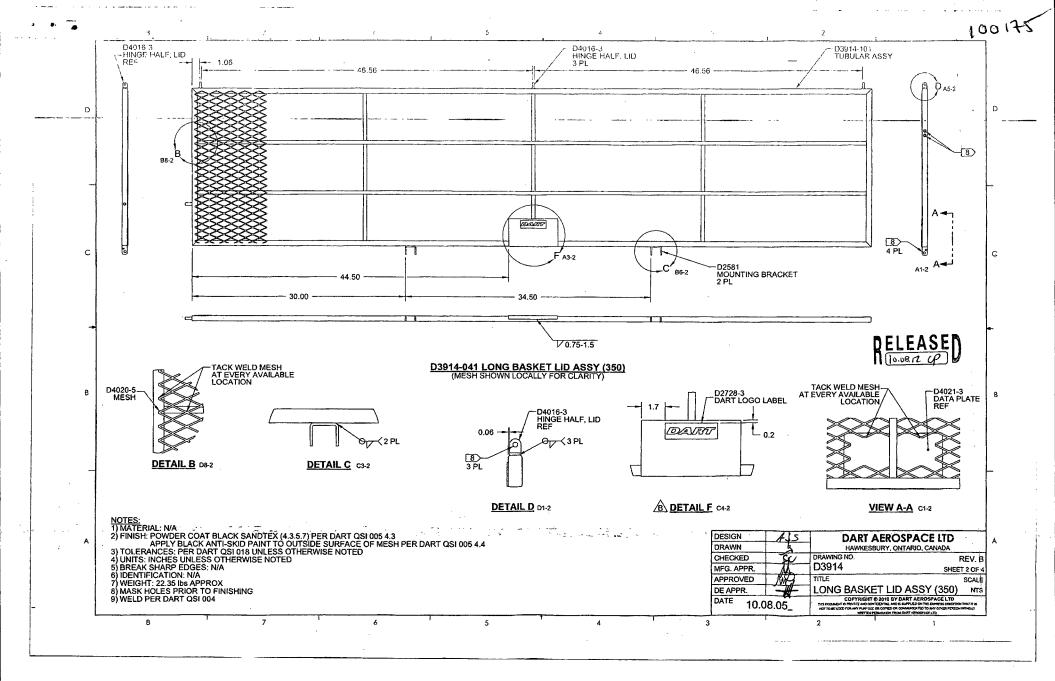
8

8) LOCAL TRIM MAY BE NECESSARY TO CLEAR FASTENERS/STRUCTURE SEE NEXT ASSY FOR DETAILS 9) TOLERANCE ON XX.XX DIMENSIONS  $\pm$  0.06.

DESIGN AJS DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWN JPH DRAWING NO. CHECKED REV. A D4020 MFG. APPR. SHEET 3 OF 4 APPROVED TITLE 350 BASKET MESH (BASE) DE APPR. COPYRIGHT © 2010 BY DART AEROSPACE LTD DATE 10.03.04







DESIGN DRAWN	45	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA						
CHECKED	RC	DRAWING NO. REV. B						
MFG. APPR.	M	D3914 SHEET 3 OF 4						
APPROVED	M	TITLE SCALE						
DE APPR.	-#	LONG BASKET LID ASSY (350) NT						
DATE 10.0	08.05	COPYRIGHT © 2010 BY DART AEROSPACE LTD  THE SOCIAMENT IN THANKE AND CHOPED HIS AND SERVICE ON THE DOPED CONDITION THAT IT IS  MOT TO BE USED FOR ANY PLAYOCS OR COPPED OF COMMISSION TO THE APPLICATION WITHOUT						

